

Title (en)
CLOSURE FOR A BOTTLE OR THE LIKE

Title (de)
VERSCHLUSS FÜR EINE FLASCHE ODER DERGLEICHEN

Title (fr)
SYSTEME DE BOUCHAGE POUR BOUTEILLE OU SIMILAIRE

Publication
EP 0858416 A1 19980819 (DE)

Application
EP 96937235 A 19961025

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Abstract (en)
[origin: US6021912A] PCT No. PCT/EP96/04646 Sec. 371 Date Apr. 17, 1998 Sec. 102(e) Date Apr. 17, 1998 PCT Filed Oct. 25, 1996 PCT Pub. No. WO97/16356 PCT Pub. Date May 9, 1997A closure for a bottle, comprising a cap-shaped closure component; a projection directed inwardly from an edge of the cap-shaped closure component to grip behind an outwardly directed projection at a neck of a bottle; a substantially cylindrical sealing element extending axially from a bottom of the closure component, the sealing element being disposed within the closure component; and a radial projection formed outside of the sealing element and disposed away from the bottom and having a diameter larger than the inside diameter of the neck of the bottle to be sealed by the closure means in such a way that a sealing surface formed by the radial projection tightly rests against an inside surface of the neck in a closed mode. The bottom comprises a cross-sectional slimming disposed radially beyond the cylindrical sealing element, the slimming having a thickness less than the thickness of an adjacent portion of the bottom such that the slimming functions as a hinge. The bottom and the sealing element form an elbow lever pivotable about the hinge. At least one rib is disposed in a space formed between the bottom and the sealing element to brace the sealing element against movement relative to the bottom, such that upon bulging of the bottom the radial projection is substantially radially detached from the inside surface of the neck by a lever action of the elbow lever pivotable about the hinge.

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